

Request Jan Delaval

Access DB# 199902

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name:

Sabeha Qazi

1616

Phone Number 302-622-

Examiner #: 74141 Date: 8/13/04  
Serial Number: 09/1870 775

Office/Room and Bldg/Room Location:

4C70 Jan 4A45

Results Format Preferred (circle):  PAPER  DISK  E-MAIL

After this search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the claimed species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or scope of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Type of Invention: N-Phenylamide Derivatives  
Inventor(s) (please provide full names): Mark David Charles et al

Earliest Priority Filing Date: 2/6/1997 321 of PCT/600/00345 2/4/2002

Reference Searches Only! Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the corresponding serial number.

Please search for N-phenylamide derivatives of for (1) in cl 74

Thank you

| STAN            |             | Type of Search   | Vendors and cost where applicable   |
|-----------------|-------------|------------------|-------------------------------------|
| NA Sequence (#) | 22504       | STN              | <input checked="" type="checkbox"/> |
| AA Sequence (#) |             | Dialog           |                                     |
| Structure (#)   | <u>8118</u> | Questel/Orbit    |                                     |
| Bibliographic   |             | Dr Link          |                                     |
| Litigation      | <u>8118</u> | Lexis/Nexis      |                                     |
| Fulltext        |             | Sequence Systems |                                     |
| Patent Family   | <u>35</u>   | WWW/Internet     |                                     |
| Other           | <u>575</u>  | Other (specify)  |                                     |

=> fil reg

FILE 'REGISTRY' ENTERED AT 11:59:11 ON 18 AUG 2004  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2  
 DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

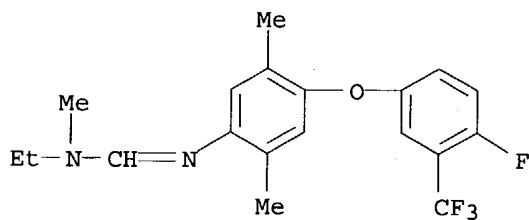
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
 information enter HELP PROP at an arrow prompt in the file or refer  
 to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d ide can tot 168

L68 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287941-79-1 REGISTRY  
 CN Methanimidamide, N-ethyl-N'-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-  
 dimethylphenyl]-N-methyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C19 H20 F4 N2 O  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA Cplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES  
 (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
 study); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

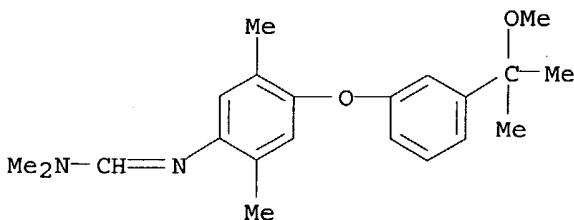
3 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:350532

REFERENCE 2: 138:233393

REFERENCE 3: 133:163952

L68 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287941-78-0 REGISTRY  
 CN Methanimidamide, N'-[4-[3-(1-methoxy-1-methylethyl)phenoxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C21 H28 N2 O2  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

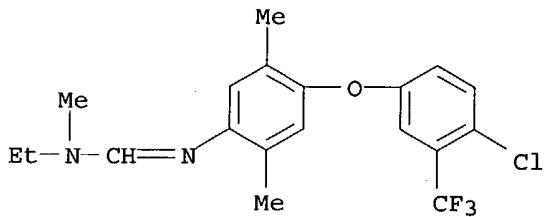


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287941-52-0 REGISTRY  
 CN Methanimidamide, N'-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C19 H20 Cl F3 N2 O  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

## 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:350532

REFERENCE 2: 138:233393

REFERENCE 3: 133:163952

L68 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 287941-50-8 REGISTRY

CN Methanimidamide, N'-(4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl)-N,N-dimethyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

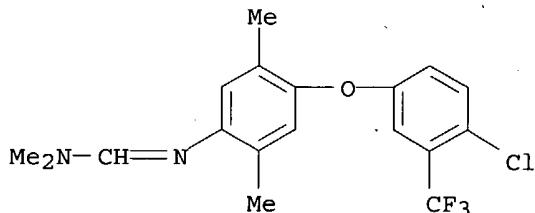
MF C18 H18 Cl F3 N2 O

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



## \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN 287941-14-4 REGISTRY

CN Methanimidamide, N'-(2,5-dimethyl-4-(3-phenoxyphenoxy)phenyl)-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

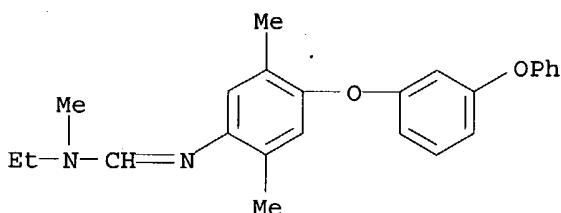
MF C24 H26 N2 O2

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

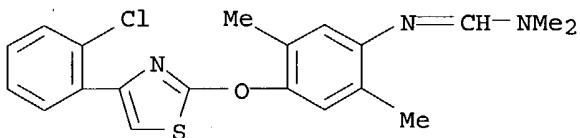


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287940-88-9 REGISTRY  
 CN Methanimidamide, N'-[4-[[4-(2-chlorophenyl)-2-thiazolyl]oxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C20 H20 Cl N3 O S  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

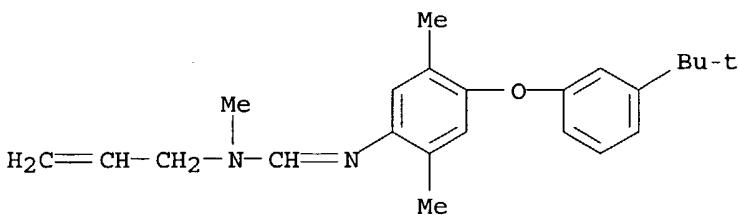


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287940-75-4 REGISTRY  
 CN Methanimidamide, N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-N-methyl-N-2-propenyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C23 H30 N2 O  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

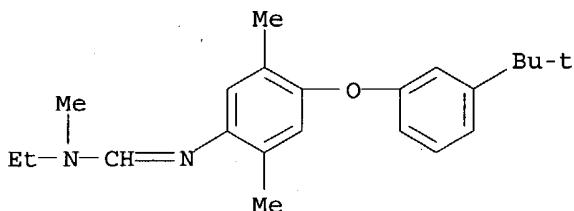


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287938-94-7 REGISTRY  
 CN Methanimidamide, N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C22 H30 N2 O  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

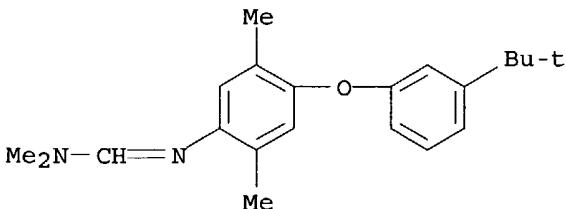


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

L68 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 287938-06-1 REGISTRY  
 CN Methanimidamide, N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C21 H28 N2 O  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 133:163952

=&gt; d his

(FILE 'HOME' ENTERED AT 11:11:56 ON 18 AUG 2004)  
SET COST OFF

FILE 'HCAPLUS' ENTERED AT 11:12:16 ON 18 AUG 2004

L1 1 S (GB99-2592 OR WO2000-GB345)/AP, PRN  
E CHARLES M/AU

L2 59 S E3, E9

L3 1 S E31  
E FRANKE WW/AU  
E FRANKE W/AU

L4 267 S E3-E11, E25, E26  
E GREEN D/AU

L5 356 S E3, E8-E10  
E GREEN DAVE/AU

L6 121 S E4

L7 147 S E16, E17, E19  
E HOUGH T/AU

L8 23 S E3, E5, E12, E14, E15  
E MITCHELL D/AU

L9 170 S E3, E20, E21  
E MITCHELL DALE/AU

L10 9 S E3-E5  
E SIMPSON D/AU

L11 130 S E3, E14  
E SIMPSON DON/AU

L12 13 S E4, E8, E9  
E AATHERALL J/AU

L13 3 S E4, E5

L14 1 S L1 AND L2-L13  
SEL RN

FILE 'REGISTRY' ENTERED AT 11:15:44 ON 18 AUG 2004

L15 448 S E1-E448

L16 STR

L17 50 S L16

L18 13436 S L16 FUL  
SAV TEMP L18 QAZI890/A

L19 390 S L15 AND L18

L20 58 S L15 NOT L19

L21 29 S L20 AND NR>=2 AND N>=2

L22 7 S L21 AND (C13H17N3O OR C13H15N3O3 OR C15H15FN20 OR C15H10CLN3O

L23 22 S L21 NOT L22

L24 29 S L20 NOT L21

L25 412 S L19, L23  
SAV L25 QAZI890A/A

L26 STR L16

L27 50 S L26 SAM

L28 STR L26

L29 2 S L28

L30 STR L28

L31 0 S L30

L32 STR L30

L33 0 S L32

L34 68 S L25 AND CL/ELS

L35 5 S L34 AND NCSC2/ES

L36 3 S L35 AND C20H20CLN3OS  
SEL RN 2

L37 1 S E449

L38 2 S L35 NOT L36  
 L39 11 S L34 AND F/ELS  
 L40 10 S L39 AND 3/F  
 L41 1 S L40 AND C19H20CLF3N2O  
 L42 1 S L40 AND C18H18CLF3N2O  
 L43 98 S L25 AND F/ELS NOT L34  
 L44 4 S L43 AND 4/F  
 L45 1 S L44 AND C19H20F4N2O  
 L46 246 S L25 NOT L34-L45  
 L47 144 S L46 AND PHENOXY  
 L48 121 S L47 AND METHANIMIDAMIDE  
 L49 20 S L48 AND METHOXY  
 L50 11 S L49 AND 2/NR  
 L51 8 S L46 AND METHOXY AND 2/NR NOT L50  
 L52 159 S L46 AND 2/NR  
 L53 146 S L52 AND 2 5 DIMETHYL  
 L54 27 S L53 AND DIMETHYLETHYL  
 L55 3 S L54 AND C21H28N2O  
 SEL RN 3  
 L56 1 S E450  
 L57 2 S L54 AND C22H30N2O  
 SEL RN 2  
 L58 1 S E451  
 L59 22 S L54 NOT L55-L58  
 L60 1 S L59 AND C23H30N2O  
 L61 79 S L46 AND 3/NR  
 L62 73 S L61 AND 2 5 DIMETHYL  
 L63 2 S L62 AND N ETHYL  
 L64 1 S L63 AND C24H26N2O2  
 L65 40 S L53 AND METHYLETHYL  
 L66 2 S L65 AND METHOXY  
 L67 1 S L66 AND C21H28N2O2  
 L68 9 S L56, L58, L60, L37, L64, L42, L41, L67, L45  
 L69 403 S L25 NOT L68

FILE 'HCAOLD' ENTERED AT 11:55:24 ON 18 AUG 2004

L70 0 S L68  
 L71 0 S L69

FILE 'HCAPLUS' ENTERED AT 11:55:31 ON 18 AUG 2004

L72 3 S L68  
 L73 2 S L69  
 L74 1 S L1-L14 AND L72, L73  
 L75 2 S L72-L73 AND (HOECH? OR SCHERIN? OR AGR  
 L76 4 S L72-L75

L68 / L77 are  
 from applicant's  
 patent -  
 only 3 ref for these  
 comds

FILE 'REGISTRY' ENTERED AT 11:57:40 ON 18 AUG 2004

L77 402 S L69 AND NR>=2

FILE 'HCAPLUS' ENTERED AT 11:57:48 ON 18 AUG 2004

L78 1 S L77

FILE 'REGISTRY' ENTERED AT 11:58:15 ON 18 AUG 2004

L79 1 S L69 NOT L77

FILE 'HCAPLUS' ENTERED AT 11:58:26 ON 18 AUG 2004

L80 3 S L68  
 L81 3 S L80, L78 AND L76  
 L82 2 S L81 NOT L1

FILE 'REGISTRY' ENTERED AT 11:59:11 ON 18 AUG 2004

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 11:59:34 ON 18 AUG 2004  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
 FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d all hitstr tot 182

L82 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2004:347984 HCAPLUS  
 DN 140:350532  
 ED Entered STN: 29 Apr 2004  
 TI Antifungal medicaments comprising arylamidine derivatives  
 IN Vors, Jean-Pierre; O'Neill, Elizabeth; Labourdette, Gilbert; Mansfield, Gillian; Pillmoor, John; Barchietto, Thierry  
 PA Bayer Cropscience SA, Fr.  
 SO Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA French  
 IC ICM A61K031-155  
 CC 1-5 (Pharmacology)  
 FAN.CNT 1

|    | PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|----|---|------|----------|-----------------|----------|
| PI | EP 1413301  | A1   | 20040428 | EP 2002-356210  | 20021024 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK   |      |          |                 |          |
|    | WO 2004037239   | A1   | 20040506 | WO 2003-EP13335 | 20031024 |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD |      |          |                 |          |
|    | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |      |          |                 |          |

PRAI EP 2002-356210 A 20021024

CLASS

| PATENT NO. | CLASS  | PATENT FAMILY CLASSIFICATION CODES |
|------------|--------|------------------------------------|
| EP 1413301 | ICM    | A61K031-155                        |
| OS         | MARPAT | 140:350532                         |

AB N2-phenylamidine derivs. are used as antifungal agents. The EC50 of N-ethyl-N-methyl-N-[4-(4-chloro-3-trifluoromethylphenoxy)-2,5-dimethyl phenyl]-imidoformamide against *Aspergillus fumigatus* and *Candida albicans* was 0.1, and 0.5 µg/mL, resp.

ST antifungal medicament arylamidine deriv *Aspergillus Candida*

IT Amines, biological studies  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(allyl, derivs.; antifungal medicaments comprising arylamidine derivs.)

IT Nucleosides, biological studies  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(analogs; antifungal medicaments comprising arylamidine derivs.)

IT *Aspergillus fumigatus*  
*Candida albicans*  
(antifungal medicaments comprising arylamidine derivs.)

IT Polyenes  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antifungal medicaments comprising arylamidine derivs.)

IT Peptides, biological studies  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(cationic; antifungal medicaments comprising arylamidine derivs.)

IT Drug delivery systems  
(liposomes; antifungal medicaments comprising arylamidine derivs.)

IT Heterocyclic compounds  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(nitrogen, five-membered; antifungal medicaments comprising arylamidine derivs.)

IT 100-46-9D, Benzylamine, derivs. 1397-89-3, Amphotericin B 1400-61-9, Nystatin 2022-85-7, Flucytosine 2398-96-1, Tolnaftate 11076-17-8D, Sordarin, derivs. 19045-66-0D, Thiocarbamic acid, derivs. 22916-47-8, Miconazole 22976-87-0, Polyoxine 23593-75-1, Clotrimazole 27220-47-9, Econazole 59456-70-1, Nikkomycin z 60628-96-8, Bifonazole 61318-90-9, Sulconazole 64211-45-6, Oxiconazole 64872-76-0, Butoconazole 65277-42-1, Ketoconazole 65472-88-0, Naftifine 65899-73-2, Tioconazole 67915-31-5, Terconazole 72479-26-6, Fenticonazole 77368-59-3, Nikkomycin J 77368-61-7, Nikkomycine 79404-91-4, Cilofungin 84625-61-6, Itraconazole 84697-21-2, Zinoconazole 86386-73-4, Fluconazole 91161-71-6, Terbinafine 101828-21-1, Butenafine 117704-65-1, Pradimicin A 120796-21-6, Nikkomycin Pseudo Z 120796-22-7, Nikkomycin Pseudo J 127785-66-4, Aureobasidine 128326-82-9, Eberconazole 137234-62-9, Voriconazole 151581-81-6, Pradimicin 162808-62-0, Caspofungin 171228-49-2, Posaconazole 287941-52-0 287941-79-1 681256-70-2 682350-49-8, Nikkomycin Px 682350-50-1, Nikkomycin Rz 682351-48-0, Benanomycin  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antifungal medicaments comprising arylamidine derivs.)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

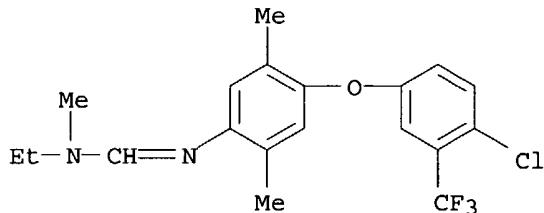
- (1) Aventis Cropscience Sa; EP 1178038 A 2002 HCPLUS
- (2) Hough; WO 0046184 A 2000 HCPLUS

IT 287941-52-0 287941-79-1

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(antifungal medicaments comprising arylamidine derivs.)

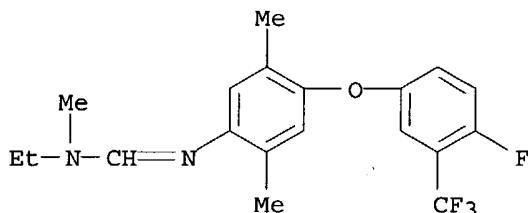
RN 287941-52-0 HCPLUS

CN Methanimidamide, N'-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)



RN 287941-79-1 HCPLUS

CN Methanimidamide, N-ethyl-N'-(4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl)-N-methyl- (9CI) (CA INDEX NAME)



L82 ANSWER 2 OF 2 HCPLUS COPYRIGHT 2004 ACS on STN

AN 2003:204157 HCPLUS

DN 138:233393

ED Entered STN: 16 Mar 2003

TI Broad-spectrum fungicidal composition comprising phenylamidine derivatives  
IN Labourdette, Gilbert; Zundel, Jean Luc; Lappartient, Anne Gabrielle;  
Villier, Alain; O'Neill, Elizabeth; Vors, Jean Pierre; Grosjean, Cournoyer  
Marie Claire

PA Aventis CropScience SA, Fr.

SO Fr. Demande, 38 pp.

CODEN: FRXXBL

DT Patent

LA French

IC ICM A01N037-52

ICS A01N043-00

CC 5-2 (Agrochemical Bioregulators)

FAN.CNT 1

|    | PATENT NO.    | KIND   | DATE     | APPLICATION NO. | DATE     |
|----|---------------|--|----------|-----------------|----------|
| PI | FR 2829362    | A1   | 20030314 | FR 2001-11685   | 20010910 |
|    | FR 2829362    | B1   | 20031107 |                 |          |
|    | WO 2003024219 | A1   | 20030327 | WO 2002-FR3049  | 20020909 |
|    | W:            | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |          |                 |          |
|    | RW:           | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG   |          |                 |          |
|    | EP 1424893    | A1   | 20040609 | EP 2002-777410  | 20020909 |
|    | R:            | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  |          |                 |          |

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK  
 PRAI FR 2001-11685 A 20010910  
 WO 2002-FR3049 W 20020909

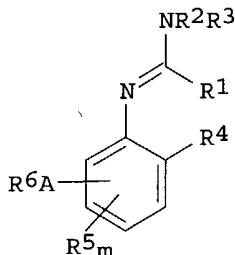
## CLASS

| PATENT NO. | CLASS | PATENT FAMILY CLASSIFICATION CODES |
|------------|-------|------------------------------------|
|------------|-------|------------------------------------|

|            |      |            |
|------------|------|------------|
| FR 2829362 | ICM  | A01N037-52 |
|            | ICS  | A01N043-00 |
| FR 2829362 | ECLA | A01N037/52 |

OS MARPAT 138:233393

GI



AB Broad-spectrum fungicidal compns. comprise phenylamidine derivs. I [R1 = (un) substituted alkyl, alkenyl, alkynyl, etc.; R2,R3 = r1, cyano, acyl, etc.; R4, R5, R6 = R1, mercapto, azido, nitro etc.; m = 0, 1-3; A = bond, O, S, SO, SO2, etc.] and any of a very large number of known fungicide.

ST fungicide compn phenylamidine deriv

IT Fungicides

(broad-spectrum fungicidal compns. containing phenylamidine derivs.)

IT *Ampelomyces quisqualis**Bacillus subtilis**Fusarium oxysporum**Phlebiopsis gigantea**Streptomyces griseoviridis*

Tar oils

*Trichoderma harzianum**Trichoderma virens*

(broad-spectrum fungicidal compns. containing phenylamidine derivs. and)

IT *Beta vulgaris saccharifera*

Cereal (grain)

Fabaceae

Fruit tree

Horticulture

*Medicago sativa**Nicotiana tabacum*Soybean (*Glycine max*)

Strawberry

Sunflower

*Vitis vinifera*

(broad-spectrum fungicidal compns. containing phenylamidine derivs. for)

IT *Oidium**Puccinia**Septoria*

(broad-spectrum fungicidal compns. containing phenylamidine derivs. for control of)

IT Naphthenic acids, biological studies

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(copper salts, mixts. with phenylamidine derivs.; broad-spectrum

fungicidal compns.)

IT Turf (lawn; broad-spectrum fungicidal compns. containing phenylamidine derivs. for)

IT Naphthenic acids, biological studies  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(mixts. with phenylamidine derivs.; broad-spectrum fungicidal compns.)

IT Embryophyta (ornamental plant; broad-spectrum fungicidal compns. containing phenylamidine derivs. for)

IT Naphthenic acids, biological studies  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(zinc salts, mixts. with phenylamidine derivs.; broad-spectrum fungicidal compns.)

IT 501119-08-0 501119-09-1  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(broad-spectrum fungicidal composition)

IT 50-00-0D, Formaldehyde, mixts. with phenylamidine derivs. 62-38-4D, Phenylmercuric acetate, mixts. with phenylamidine derivs. 76-87-9D, Fentin hydroxide, mixts. with phenylamidine derivs. 82-68-8D, Quintozene, mixts. with phenylamidine derivs. 87-41-2D, Phthalide, mixts. with phenylamidine derivs. 87-86-5D, Pentachlorophenol, mixts. with phenylamidine derivs. 90-43-7D, 2-Phenylphenol, mixts. with phenylamidine derivs. 92-52-4D, Biphenyl, mixts. with phenylamidine derivs. 97-23-4D, Dichlorophen, mixts. with phenylamidine derivs. 99-30-9D, Dicloran, mixts. with phenylamidine derivs. 112-65-2D, Dodecylguanidine, mixts. with phenylamidine derivs. 112-80-1D, Oleic acid, mixts. with phenylamidine derivs. 117-18-0D, Tecnazene, mixts. with phenylamidine derivs. 118-74-1D, Hexachlorobenzene, mixts. with phenylamidine derivs. 122-39-4D, Diphenylamine, mixts. with phenylamidine derivs. 131-52-2, Sodium pentachlorophenoxyde 132-27-4D, Sodium 2-Phenylphenoxyde, mixts. with phenylamidine derivs. 133-06-2D, Captan, mixts. with phenylamidine derivs. 133-07-3D, Folpet, mixts. with phenylamidine derivs. 134-31-6D, 8-Hydroxyquinoline sulfate, mixts. with phenylamidine derivs. 137-26-8D, Thiram, mixts. with phenylamidine derivs. 137-30-4D, Ziram, mixts. with phenylamidine derivs. 137-42-8D, Metam sodium, mixts. with phenylamidine derivs. 142-59-6D, Nabam, mixts. with phenylamidine derivs. 144-54-7D, Metam, mixts. with phenylamidine derivs. 148-79-8D, Thiabendazole, mixts. with phenylamidine derivs. 533-74-4D, Dazomet, mixts. with phenylamidine derivs. 556-61-6D, Methyl isothiocyanate, mixts. with phenylamidine derivs. 731-27-1D, Tolyfluanid, mixts. with phenylamidine derivs. 900-95-8D, Fentin acetate, mixts. with phenylamidine derivs. 973-21-7D, Dinobuton, mixts. with phenylamidine derivs. 1085-98-9D, Dichlofluanid, mixts. with phenylamidine derivs. 1303-96-4D, Borax, mixts. with phenylamidine derivs. 1317-39-1D, Copper(I) oxide, mixts. with phenylamidine derivs. 1332-40-7D, Copper oxychloride, mixts. with phenylamidine derivs. 1344-81-6D, Calcium polysulfide, mixts. with phenylamidine derivs. 1593-77-7D, Dodemorph, mixts. with phenylamidine derivs. 1897-45-6D, Chlorothalonil, mixts. with phenylamidine derivs. 2079-00-7D, Blasticidin-S, mixts. with phenylamidine derivs. 2425-06-1D, Captafol, mixts. with phenylamidine derivs. 2439-01-2D, mixts. with phenylamidine derivs. 2439-10-3D, Dodine, mixts. with phenylamidine derivs. 2593-15-9D, Etridiazole, mixts. with phenylamidine derivs. 3347-22-6D, Dithianon, mixts. with phenylamidine derivs. 3478-94-2D, Piperalin, mixts. with phenylamidine derivs. 3772-94-9D, Pentachlorophenyl laurate, mixts. with phenylamidine derivs. 3878-19-1D, Fuberidazole, mixts. with phenylamidine derivs. 5221-53-4D, Dimethirimol, mixts. with phenylamidine derivs. 5234-68-4D, Carboxine, mixts. with phenylamidine derivs. 5259-88-1D, Oxycarboxin, mixts. with phenylamidine derivs. 6980-18-3D, Kasugamycin, mixts. with phenylamidine derivs. 7345-69-9D, GY 81, mixts. with phenylamidine derivs. 7487-94-7D, Mercury(II) chloride, mixts. with phenylamidine derivs. 7546-30-7D, Mercurous

chloride, mixts. with phenylamidine derivs. 7664-38-2D, Phosphoric acid, mixts. with phenylamidine derivs. 7681-93-8D, Natamycin, mixts. with phenylamidine derivs. 7704-34-9D, Sulfur, mixts. with phenylamidine derivs. 7758-98-7D, Copper sulfate, mixts. with phenylamidine derivs. 8011-63-0D, Bordeaux mixt, mixts. with phenylamidine derivs. 8018-01-7D, Mancozeb, mixts. with phenylamidine derivs. 9006-42-2D, Metiram, mixts. with phenylamidine derivs. 10004-44-1D, Hymexazole, mixts. with phenylamidine derivs. 10380-28-6D, Oxine copper, mixts. with phenylamidine derivs. 10405-27-3D, Fluorimide, mixts. with phenylamidine derivs. 10552-74-6D, Nitrothal-isopropyl, mixts. with phenylamidine derivs. 10605-21-7D, Carbendazime, mixts. with phenylamidine derivs. 12071-83-9D, Propineb, mixts. with phenylamidine derivs. 12122-67-7D, Zineb, mixts. with phenylamidine derivs. 12427-38-2D, Maneb, mixts. with phenylamidine derivs. 13457-18-6D, Pyrazophos, mixts. with phenylamidine derivs. 13516-27-3D, Iminoctadine, mixts. with phenylamidine derivs. 13952-84-6D, sec-Butylamine, mixts. with phenylamidine derivs. 14484-64-1D, Ferbam, mixts. with phenylamidine derivs. 14534-95-3D, Potassium hydroxyquinoline sulfate, mixts. with phenylamidine derivs. 15521-65-0D, Nickel bis(dimethyldithiocarbamate), mixts. with phenylamidine derivs. 15845-66-6D, Fosetyl, mixts. with phenylamidine derivs. 17109-49-8D, Edifephbos, mixts. with phenylamidine derivs. 17804-35-2D, Benomyl, mixts. with phenylamidine derivs. 19396-06-6D, Polyoxin b, mixts. with phenylamidine derivs. 19408-46-9D, Kasugamycin hydrochloride, mixts. with phenylamidine derivs. 20427-59-2D, Copper hydroxide, mixts. with phenylamidine derivs. 21908-53-2D, Mercury(II) oxide, mixts. with phenylamidine derivs. 22976-86-9D, Polyoxorim, mixts. with phenylamidine derivs. 23564-05-8D, Thiophanate methyl, mixts. with phenylamidine derivs. 23564-06-9D, Thiophanate, mixts. with phenylamidine derivs. 23947-60-6D, Ethirimol, mixts. with phenylamidine derivs. 24579-73-5D, Propamocarb, mixts. with phenylamidine derivs. 24691-80-3D, Fenfuram, mixts. with phenylamidine derivs. 25606-41-1D, Propamocarb hydrochloride, mixts. with phenylamidine derivs. 26087-47-8D, Iprobenfos, mixts. with phenylamidine derivs. 26530-20-1D, Octhilinone, mixts. with phenylamidine derivs. 26644-46-2D, Triforin, mixts. with phenylamidine derivs. 27605-76-1D, Probenazole, mixts. with phenylamidine derivs. 31717-87-0D, Dodemorph acetate, mixts. with phenylamidine derivs. 32809-16-8D, Procymidone, mixts. with phenylamidine derivs. 35554-44-0D, Imazalil, mixts. with phenylamidine derivs. 36734-19-7D, Iprodione, mixts. with phenylamidine derivs. 39148-24-8D, Fosetyl aluminum, mixts. with phenylamidine derivs. 39300-45-3D, Dinocap, mixts. with phenylamidine derivs. 41483-43-6D, Bupirimate, mixts. with phenylamidine derivs. 41814-78-2D, Tricyclazole, mixts. with phenylamidine derivs. 43121-43-3D, Triadimefon, mixts. with phenylamidine derivs. 43222-48-6D, Difenoquat methylsulfate, mixts. with phenylamidine derivs. 49866-87-7D, Difenoquat, mixts. with phenylamidine derivs. 50471-44-8D, Vinclozolin, mixts. with phenylamidine derivs. 50512-35-1D, Isoprothiolane, mixts. with phenylamidine derivs. 50642-14-3D, Validamycin, mixts. with phenylamidine derivs. 53112-28-0D, Pyrimethanil, mixts. with phenylamidine derivs. 53988-93-5D, Mancopper, mixts. with phenylamidine derivs. 55179-31-2D, Bitertanol, mixts. with phenylamidine derivs. 55219-65-3D, Triadimenol, mixts. with phenylamidine derivs. 55814-41-0D, Mepronil, mixts. with phenylamidine derivs. 57018-04-9D, Tolclofos methyl, mixts. with phenylamidine derivs. 57369-32-1D, Pyroquilon, mixts. with phenylamidine derivs. 57520-17-9D, Iminoctadine triacetate, mixts. with phenylamidine derivs. 57646-30-7D, Furalaxy, mixts. with phenylamidine derivs. 57837-19-1D, Metalaxyl, mixts. with phenylamidine derivs. 57966-95-7D, Cymoxanil, mixts. with phenylamidine derivs. 58594-72-2D, Imazalil sulfate, mixts. with phenylamidine derivs. 58810-48-3D, Ofurace, mixts. with phenylamidine derivs. 60168-88-9D, Fenarimol, mixts. with phenylamidine derivs. 60207-31-0D, Azaconazole, mixts. with phenylamidine derivs. 60207-90-1D, Propiconazole, mixts. with phenylamidine derivs. 62732-91-6D, Debacarb, mixts. with

phenylamidine derivs. 62865-36-5D, Diclomezine, mixts. with phenylamidine derivs. 63284-71-9D, Nuarimol, mixts. with phenylamidine derivs. 66063-05-6D, Pencycuron, mixts. with phenylamidine derivs. 66246-88-6D, Penconazole, mixts. with phenylamidine derivs. 66952-49-6D, Methasulfocarb, mixts. with phenylamidine derivs. 67306-00-7D, Fenpropidin, mixts. with phenylamidine derivs. 67564-91-4D, Fenpropimorph, mixts. with phenylamidine derivs. 67747-09-5D, Prochloraz, mixts. with phenylamidine derivs. 68694-11-1D, Triflumizole, mixts. with phenylamidine derivs. 70630-17-0D, Mefenoxam, mixts. with phenylamidine derivs. 71626-11-4D, Benalaxyl, mixts. with phenylamidine derivs. 72459-58-6D, Triazoxide, mixts. with phenylamidine derivs. 74738-17-3D, Fenpiclonil, mixts. with phenylamidine derivs. 76674-21-0D, Flutriafol, mixts. with phenylamidine derivs. 77732-09-3D, Oxadixyl, mixts. with phenylamidine derivs. 79622-59-6D, Fluazinam, mixts. with phenylamidine derivs. 79983-71-4D, Hexaconazole, mixts. with phenylamidine derivs. 81412-43-3D, Tridemorph, mixts. with phenylamidine derivs. 83657-18-5D, Diniconazole-m, mixts. with phenylamidine derivs. 83657-24-3D, Diniconazole, mixts. with phenylamidine derivs. 84332-86-5D, Chlozolinate, mixts. with phenylamidine derivs. 85509-19-9D, Flusilazol, mixts. with phenylamidine derivs. 86598-92-7D, Imibenconazole, mixts. with phenylamidine derivs. 87130-20-9D, Diethofencarb, mixts. with phenylamidine derivs. 88283-41-4D, Pyrifenoxy, mixts. with phenylamidine derivs. 88671-89-0D, Myclobutanil, mixts. with phenylamidine derivs. 88678-67-5D, Pyributicarb, mixts. with phenylamidine derivs. 89269-64-7D, Ferimzone, mixts. with phenylamidine derivs. 94361-06-5D, Cyproconazole, mixts. with phenylamidine derivs. 98967-40-9D, Flumetsulam, mixts. with phenylamidine derivs. 101903-30-4D, Pefurazoate, mixts. with phenylamidine derivs. 104030-54-8D, Carpropamid, mixts. with phenylamidine derivs. 106917-52-6D, Flusulfamide, mixts. with phenylamidine derivs. 107534-96-3D, Tebuconazole, mixts. with phenylamidine derivs. 108173-90-6D, Guazatine, mixts. with phenylamidine derivs. 110235-47-7D, Mepanipyrim, mixts. with phenylamidine derivs. 110488-70-5D, Dimethomorph, mixts. with phenylamidine derivs. 112281-77-3D, Tetraconazole, mixts. with phenylamidine derivs. 112860-04-5D, ICIA 0858, mixts. with phenylamidine derivs. 114369-43-6D, Fenbuconazole, mixts. with phenylamidine derivs. 115044-19-4D, Guazatine acetate, mixts. with phenylamidine derivs. 115852-48-7D, AC 382042, mixts. with phenylamidine derivs. 116255-48-2D, Bromuconazole, mixts. with phenylamidine derivs. 117428-22-5D, Picoxystrobin, mixts. with phenylamidine derivs. 118134-30-8D, Spiroxamine, mixts. with phenylamidine derivs. 119446-68-3D, Difenoconazole, mixts. with phenylamidine derivs. 120116-88-3D, Cyazofamid, mixts. with phenylamidine derivs. 121552-61-2D, Cyprodinil, mixts. with phenylamidine derivs. 123572-88-3D, Furametylpr, mixts. with phenylamidine derivs. 124495-18-7D, Quinoxyfen, mixts. with phenylamidine derivs. 125116-23-6D, Metconazole, mixts. with phenylamidine derivs. 125225-28-7D, Ipconazole, mixts. with phenylamidine derivs. 126833-17-8D, Fenhexamid, mixts. with phenylamidine derivs. 130000-40-7D, Thifluazamide, mixts. with phenylamidine derivs. 130339-07-0D, Diflumetorim, mixts. with phenylamidine derivs. 131341-86-1D, Fludioxonil, mixts. with phenylamidine derivs. 131807-57-3D, Famoxadone, mixts. with phenylamidine derivs. 131860-33-8D, Azoxystrobin, mixts. with phenylamidine derivs. 131983-72-7D, Triticonazole, mixts. with phenylamidine derivs. 133408-50-1D, SSF 126, mixts. with phenylamidine derivs. 133855-98-8D, mixts. with phenylamidine derivs. 135158-54-2D, Acibenzolar-S-methyl, mixts. with phenylamidine derivs. 136426-54-5D, Fluquinconazole, mixts. with phenylamidine derivs. 139920-32-4D, Dicloctymet, mixts. with phenylamidine derivs. 140923-17-7D, Iprovalicarb, mixts. with phenylamidine derivs. 141517-21-7D, CGA 279202, mixts. with phenylamidine derivs. 143390-89-0D, Kresoxim-methyl, mixts. with phenylamidine derivs. 145701-23-1D, Florasulam, mixts. with

phenylamidine derivs. 147150-35-4D, Cloransulam methyl, mixts. with phenylamidine derivs. 149508-90-7D, Simeconazole, mixts. with phenylamidine derivs. 154025-04-4D, Flumetover, mixts. with phenylamidine derivs. 156052-68-5D, Zoxamide, mixts. with phenylamidine derivs. 161326-34-7D, Fenamidone, mixts. with phenylamidine derivs. 162650-77-3D, Ethaboxam, mixts. with phenylamidine derivs. 169202-06-6D, Iminoctadine tris(albesilate), mixts. with phenylamidine derivs. 175013-18-0D, Pyraclostrobin, mixts. with phenylamidine derivs. 175217-20-6D, MON 65500, mixts. with phenylamidine derivs. 287941-52-0D, mixts. containing 287941-79-1D, mixts. containing 413615-35-7D, Benthiavalicarb, mixts. with phenylamidine derivs.  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (broad-spectrum fungicidal compns.)

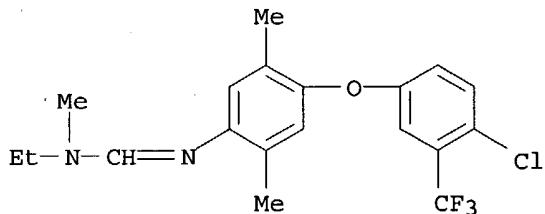
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Hoechst Schering Agrevo Gmbh; WO 0046184 A 2000 HCAPLUS  
IT 287941-52-0D, mixts. containing 287941-79-1D, mixts. containing  
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(broad-spectrum fungicidal compns.)

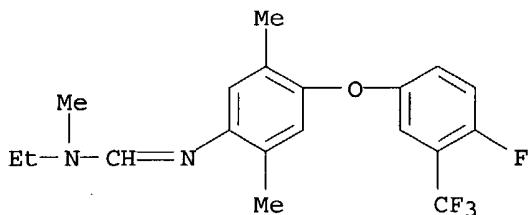
RN 287941-52-0 HCAPLUS

CN Methanimidamide, N'-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)



RN 287941-79-1 HCAPLUS

CN Methanimidamide, N-ethyl-N'-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-methyl- (9CI) (CA INDEX NAME)



=> s 181 not 182

L83 1 L81 NOT L82

=> d all fhitsstr

L83 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:553541 HCAPLUS

DN 133:163952

ED Entered STN: 11 Aug 2000

TI Preparation of N2-phenylamidines as fungicides

IN Charles, Mark David; Franke, Wilfried; Green, David Eric; Hough, Thomas Lawley; Mitchell, Dale

Robert; Simpson, Donald James; Atherall, John  
Frederick

PA **Hoechst Schering Agrevo G.m.b.H., Germany**  
SO PCT Int. Appl., 76 pp.  
CODEN: PIXXD2

DT Patent

## LA English

ENGLISH  
TCM CO.

IC 607C233 57  
IC 607D333 58

ICS C07D333-58; C07D285-00; C07D273-00; C07C251-04; A01N037-52;  
A01N043-82

CC 25-19 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)  
Section cross-reference(s): 5

FAN.CNT 1

PATENT NO.

|      |  |    |          |                   |              |
|------|--|----|----------|-------------------|--------------|
| PI   | WO 2000046184  | A1 | 20000810 | WO 2000-GB345     | 20000204 <-- |
|      | W: AU, BR, CA, CN, CZ, HU, IL, IN, JP, KR, MX, RU, TR, UA, US, ZA          |    |          |                   |              |
|      | RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE |    |          |                   |              |
|      | CA 2360943   | AA | 20000810 | CA 2000-2360943   | 20000204 <-- |
|      | EP 1150944   | A1 | 20011107 | EP 2000-901791    | 20000204 <-- |
|      | EP 1150944   | B1 | 20030820 |                   |              |
|      | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI  |    |          |                   |              |
|      | TR 200102237   | T2 | 20011221 | TR 2001-200102237 | 20000204 <-- |
|      | BR 2000009314  | A  | 20020213 | BR 2000-9314      | 20000204 <-- |
|      | JP 2002536354  | T2 | 20021029 | JP 2000-597256    | 20000204 <-- |
|      | AT 247629  | E  | 20030915 | AT 2000-901791    | 20000204 <-- |
|      | AU 768156  | B2 | 20031204 | AU 2000-23088     | 20000204 <-- |
|      | PT 1150944   | T  | 20031231 | PT 2000-901791    | 20000204 <-- |
|      | ES 2200816   | T3 | 20040316 | ES 2000-901791    | 20000204 <-- |
|      | ZA 2001005845  | A  | 20021016 | ZA 2001-5845      | 20010716 <-- |
| PRAI | GB 1999-2592   | A  | 19990206 | <--               |              |
|      | WO 2000-GB345  | W  | 20000204 | <--               |              |

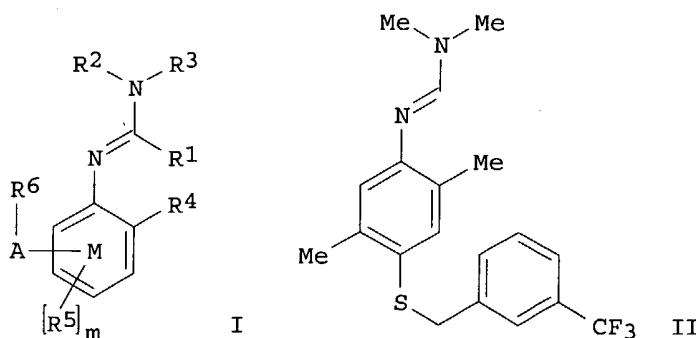
CLASS

PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES

WO 2000046184 ICM C07C233-37  
ICS C07D333-58; C07D285-00; C07D273-00; C07C251-04;  
A01N037-52; A01N043-82

OS MARPAT 133:163952

GT



AB The title compds. [I; R1 = alkyl, alkenyl, alkynyl, etc.; R2, R3 = R1, CN, acyl, etc.; R2 and R3, or R2 and R1, together with their interconnecting atoms may form (un)substituted ring; R4 = alkyl, alkenyl, alkynyl, etc.; m = 0-3; when present R5 = R4; R6 = (un)substituted carbo- or heterocyclyl;

A = a direct bond, O, C.tplbond.C, etc.; AR6 and R5 together with benzene ring M form an (un)substituted fused ring system], useful as fungicides, were prepared E.g., a 3-step preparation of the formamidine II which showed moderate to total control against Erysiphe graminis f. sp. Tritici at 500 ppm (w/v) or less, was given.

ST phenylamidine prep fungicide agrochem

IT Fungicides

(agrochem.; preparation of N2-phenylamidines as fungicides)

IT 287937-99-9P 287938-41-4P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of N2-phenylamidines as fungicides)

IT 287938-00-5P 287938-01-6P 287938-02-7P

287938-03-8P 287938-04-9P 287938-05-0P

287938-06-1P 287938-07-2P 287938-08-3P

287938-09-4P 287938-10-7P 287938-11-8P

287938-12-9P 287938-13-0P 287938-14-1P

287938-15-2P 287938-16-3P 287938-17-4P

287938-18-5P 287938-19-6P 287938-20-9P

287938-21-0P 287938-22-1P 287938-23-2P

287938-24-3P 287938-25-4P 287938-26-5P

287938-27-6P 287938-28-7P 287938-29-8P

287938-30-1P 287938-31-2P 287938-32-3P

287938-33-4P 287938-34-5P 287938-35-6P

287938-36-7P 287938-37-8P 287938-38-9P

287938-39-0P 287938-40-3P 287938-42-5P

287938-43-6P 287938-44-7P 287938-45-8P

287938-46-9P 287938-47-0P 287938-48-1P

287938-49-2P 287938-50-5P 287938-51-6P

287938-52-7P 287938-53-8P 287938-54-9P

287938-55-0P 287938-56-1P 287938-57-2P

287938-58-3P 287938-59-4P 287938-60-7P

287938-61-8P 287938-62-9P 287938-63-0P

287938-64-1P 287938-65-2P 287938-66-3P

287938-67-4P 287938-68-5P 287938-69-6P

287938-70-9P 287938-71-0P 287938-72-1P

287938-73-2P 287938-74-3P 287938-75-4P

287938-76-5P 287938-77-6P 287938-78-7P

287938-79-8P 287938-80-1P 287938-81-2P

287938-82-3P 287938-83-4P 287938-84-5P

287938-85-6P 287938-86-7P 287938-87-8P

287938-88-9P 287938-89-0P 287938-90-3P

287938-91-4P 287938-92-5P 287938-93-6P

287938-94-7P 287938-95-8P 287938-96-9P

287938-97-0P 287938-98-1P 287938-99-2P

287939-00-8P 287939-01-9P 287939-02-0P

287939-03-1P 287939-04-2P 287939-05-3P

287939-06-4P 287939-07-5P 287939-08-6P

287939-09-7P 287939-10-0P 287939-11-1P

287939-12-2P 287939-13-3P 287939-14-4P

287939-15-5P 287939-16-6P 287939-17-7P

287939-18-8P 287939-19-9P 287939-20-2P

287939-21-3P 287939-22-4P 287939-23-5P

287939-24-6P 287939-25-7P 287939-26-8P

287939-27-9P 287939-28-0P 287939-29-1P

287939-30-4P 287939-31-5P 287939-32-6P

287939-33-7P 287939-34-8P 287939-35-9P

287939-36-0P 287939-37-1P 287939-38-2P

287939-39-3P 287939-40-6P 287939-41-7P

287939-42-8P 287939-43-9P 287939-44-0P

287939-45-1P 287939-46-2P 287939-47-3P

287939-48-4P 287939-49-5P 287939-50-8P  
 287939-51-9P 287939-52-0P 287939-53-1P  
 287939-54-2P 287939-55-3P 287939-56-4P  
 287939-57-5P 287939-58-6P 287939-59-7P  
 287939-60-0P 287939-61-1P 287939-62-2P  
 287939-63-3P 287939-64-4P 287939-65-5P  
 287939-66-6P 287939-67-7P 287939-68-8P  
 287939-69-9P 287939-70-2P 287939-71-3P  
 287939-72-4P 287939-73-5P 287939-74-6P  
 287939-75-7P 287939-76-8P 287939-77-9P  
 287939-78-0P 287939-79-1P 287939-80-4P  
 287939-81-5P 287939-82-6P 287939-83-7P  
 287939-84-8P 287939-85-9P 287939-86-0P  
 287939-87-1P 287939-88-2P 287939-89-3P  
 287939-90-6P 287939-91-7P 287939-92-8P  
 287939-93-9P 287939-94-0P 287939-95-1P  
 287939-96-2P 287939-97-3P 287939-98-4P  
 287939-99-5P 287940-00-5P 287940-01-6P  
 287940-02-7P 287940-03-8P 287940-04-9P  
 287940-05-0P 287940-06-1P 287940-07-2P  
 287940-08-3P 287940-09-4P 287940-10-7P  
 287940-11-8P 287940-12-9P 287940-13-0P  
 287940-14-1P 287940-15-2P 287940-16-3P  
 287940-17-4P 287940-18-5P 287940-19-6P  
 287940-20-9P 287940-21-0P 287940-22-1P  
 287940-23-2P 287940-24-3P 287940-25-4P  
 287940-26-5P 287940-27-6P 287940-28-7P  
 287940-29-8P 287940-30-1P 287940-31-2P  
 287940-32-3P 287940-33-4P 287940-34-5P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of N2-phenylamidines as fungicides)

IT 287940-35-6P 287940-36-7P 287940-37-8P  
 287940-38-9P 287940-39-0P 287940-40-3P  
 287940-41-4P 287940-42-5P 287940-43-6P  
 287940-44-7P 287940-45-8P 287940-46-9P  
 287940-47-0P 287940-48-1P 287940-49-2P  
 287940-50-5P 287940-51-6P 287940-52-7P  
 287940-53-8P 287940-54-9P 287940-55-0P  
 287940-56-1P 287940-57-2P 287940-58-3P  
 287940-59-4P 287940-60-7P 287940-61-8P  
 287940-62-9P 287940-63-0P 287940-64-1P  
 287940-65-2P 287940-66-3P 287940-67-4P  
 287940-68-5P 287940-69-6P 287940-70-9P  
 287940-71-0P 287940-72-1P 287940-73-2P  
 287940-74-3P 287940-75-4P 287940-76-5P  
 287940-77-6P 287940-78-7P 287940-79-8P  
 287940-80-1P 287940-81-2P 287940-82-3P  
 287940-83-4P 287940-84-5P 287940-85-6P  
 287940-86-7P 287940-87-8P 287940-88-9P  
 287940-89-0P 287940-90-3P 287940-91-4P  
 287940-92-5P 287940-93-6P 287940-94-7P  
 287940-95-8P 287940-96-9P 287940-97-0P  
 287940-98-1P 287940-99-2P 287941-00-8P  
 287941-01-9P 287941-02-0P 287941-03-1P  
 287941-04-2P 287941-05-3P 287941-06-4P  
 287941-07-5P 287941-08-6P 287941-09-7P  
 287941-10-0P 287941-11-1P 287941-12-2P  
 287941-13-3P 287941-14-4P 287941-15-5P  
 287941-16-6P 287941-17-7P 287941-18-8P  
 287941-19-9P 287941-20-2P 287941-21-3P  
 287941-22-4P 287941-23-5P 287941-24-6P

287941-25-7P 287941-26-8P 287941-27-9P  
 287941-28-0P 287941-29-1P 287941-30-4P  
 287941-31-5P 287941-32-6P 287941-33-7P  
 287941-34-8P 287941-35-9P 287941-36-0P  
 287941-37-1P 287941-38-2P 287941-39-3P  
 287941-40-6P 287941-41-7P 287941-42-8P  
 287941-43-9P 287941-44-0P 287941-45-1P  
 287941-46-2P 287941-47-3P 287941-48-4P  
 287941-49-5P 287941-50-8P 287941-51-9P  
 287941-52-0P 287941-53-1P 287941-54-2P  
 287941-55-3P 287941-56-4P 287941-57-5P  
 287941-58-6P 287941-59-7P 287941-60-0P  
 287941-61-1P 287941-62-2P 287941-63-3P  
 287941-64-4P 287941-65-5P 287941-66-6P  
 287941-67-7P 287941-68-8P 287941-69-9P  
 287941-70-2P 287941-71-3P 287941-72-4P  
 287941-73-5P 287941-74-6P 287941-75-7P  
 287941-76-8P 287941-77-9P 287941-78-0P  
 287941-79-1P 287941-80-4P 287941-81-5P  
 287941-82-6P 287941-83-7P 287941-84-8P  
 287941-85-9P 287941-86-0P 287941-87-1P  
 287941-88-2P 287941-89-3P 287941-90-6P  
 287941-91-7P 287941-92-8P 287941-93-9P  
 287941-94-0P 287941-95-1P 287941-96-2P  
 287941-97-3P 287941-98-4P 287941-99-5P  
 287942-00-1P 287942-01-2P 287942-02-3P  
 287942-04-5P 287942-06-7P 287942-08-9P  
 287942-09-0P 287942-10-3P 287944-21-2P  
 287944-22-3P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of N2-phenylamidines as fungicides)

IT 85-44-9, 1,3-Isobenzofurandione 98-17-9, 3-Trifluoromethylphenol  
 122-01-0, 4-Chlorobenzoyl chloride 403-43-0, 4-Fluorobenzoyl chloride  
 617-84-5, N,N-Diethylformamide 624-78-2, Methylethylamine 3096-71-7,  
 4-Amino-2,5-dimethylphenol 3282-30-2, Pivaloyl chloride 4637-24-5  
 6393-01-7 25697-55-6 34633-69-7 72198-83-5 96784-54-2,  
 3-Methyl-4-nitrobenzonitrile 98054-21-8 287942-23-8 287942-24-9  
 287942-25-0 287942-26-1 287942-27-2 287942-29-4 287942-30-7  
 287942-31-8 287942-32-9 287942-33-0

RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation of N2-phenylamidines as fungicides)

IT 287942-11-4P 287942-13-6P 287942-14-7P 287942-16-9P  
 287942-18-1P 287942-19-2P 287942-21-6P 287942-28-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of N2-phenylamidines as fungicides)

IT 51366-39-3P 287942-17-0P 287942-20-5P 287942-22-7P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of N2-phenylamidines as fungicides)

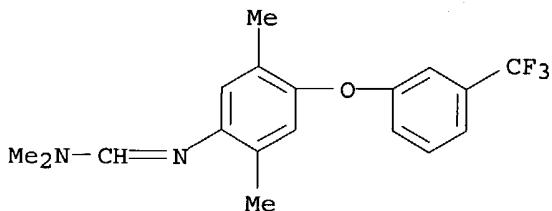
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 RE

- (1) Bayer Ag; WO 9522532 A 1995 HCPLUS
- (2) Duerr, D; US 3284289 A 1966 HCPLUS
- (3) Duerr, D; US 4209319 A 1980 HCPLUS
- (4) Hokko Chem Ind Co; EP 0429281 A 1991 HCPLUS

IT 287937-99-9P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (preparation of N2-phenylamidines as fungicides)

RN 287937-99-9 HCAPLUS  
 CN Methanimidamide, N'-[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]-  
 N,N-dimethyl- (9CI) (CA INDEX NAME)



=> => d his 184-

(FILE 'USPATFULL, USPAT2' ENTERED AT 12:00:11 ON 18 AUG 2004)  
 L84 0 S L68  
 L85 0 S L77

=> => fil reg

FILE 'REGISTRY' ENTERED AT 12:06:26 ON 18 AUG 2004  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
 provided by InfoChem.

STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2  
 DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

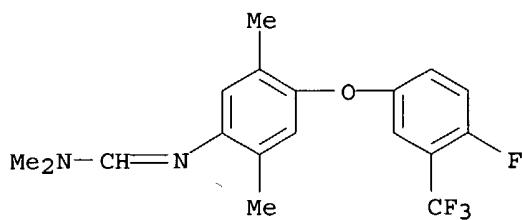
Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
 information enter HELP PROP at an arrow prompt in the file or refer  
 to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d scan 177

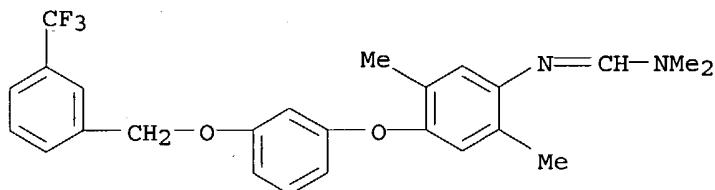
L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-2,5-  
 dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C18 H18 F4 N2 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

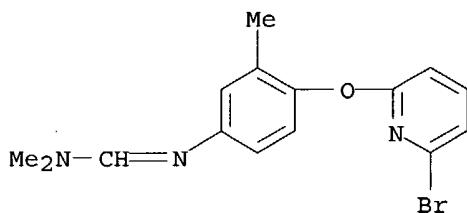
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):25

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(2,5-dimethyl-4-[[3-(trifluoromethyl)phenyl]methoxy]phenoxyphenyl)-N,N-dimethyl- (9CI)  
 MF C25 H25 F3 N2 O2



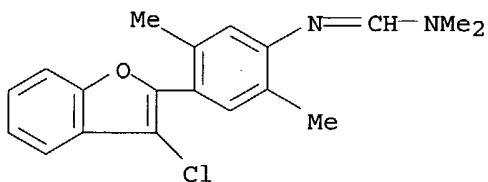
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(4-[(6-bromo-2-pyridinyl)oxy]-3-methylphenyl)-N,N-dimethyl- (9CI)  
 MF C15 H16 Br N3 O



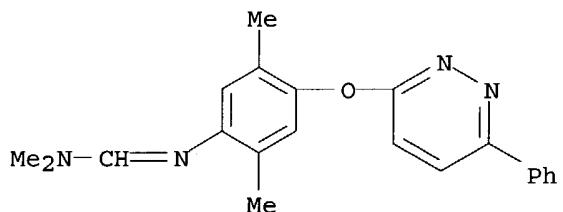
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(4-(3-chloro-2-benzofuranyl)-2,5-dimethylphenyl)-N,N-dimethyl- (9CI)  
 MF C19 H19 Cl N2 O



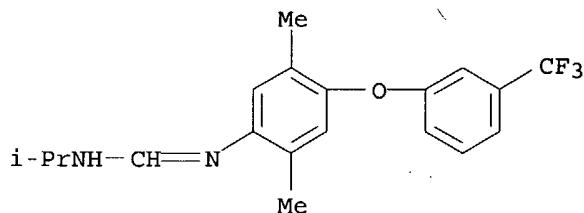
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(2,5-dimethyl-4-[(6-phenyl-3-pyridazinyl)oxy]phenyl)-N,N-dimethyl- (9CI)  
 MF C21 H22 N4 O



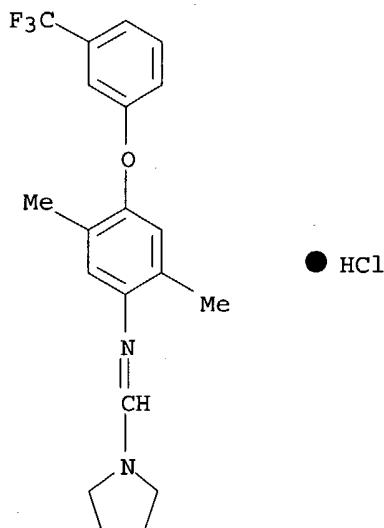
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N-[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]-N'-(1-methylethyl)- (9CI)  
 MF C19 H21 F3 N2 O

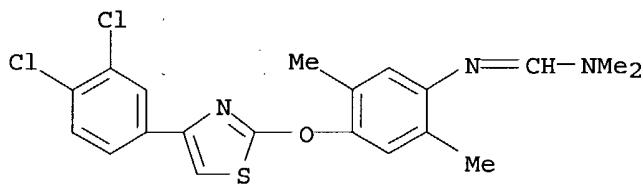


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Pyrrolidine, 1-[[[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]imino]methyl]-, monohydrochloride (9CI)  
 MF C20 H21 F3 N2 O . Cl H

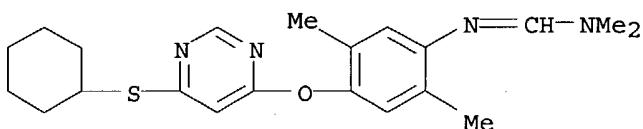


L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[[4-(3,4-dichlorophenyl)-2-thiazolyl]oxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C20 H19 Cl2 N3 O S



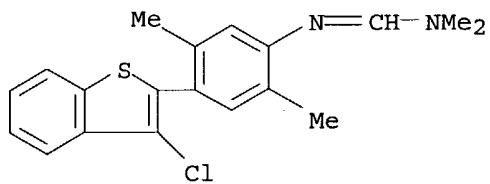
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-[[6-(cyclohexylthio)-4-pyrimidinyl]oxy]-2,5-dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C21 H28 N4 O S



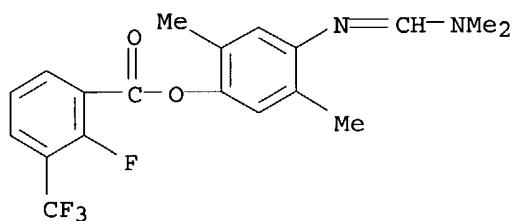
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-(3-chlorobenzo[b]thien-2-yl)-2,5-dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C19 H19 Cl N2 S



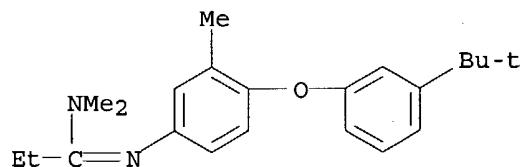
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Benzoic acid, 2-fluoro-3-(trifluoromethyl)-, 4-  
 [(dimethylamino)methylene]amino]-2,5-dimethylphenyl ester (9CI)  
 MF C19 H18 F4 N2 O2



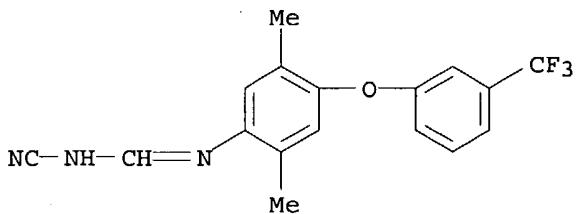
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Propanimidamide, N'-(4-[3-(1,1-dimethylethyl)phenoxy]-3-methylphenyl)-N,N-dimethyl- (9CI)  
 MF C22 H30 N2 O



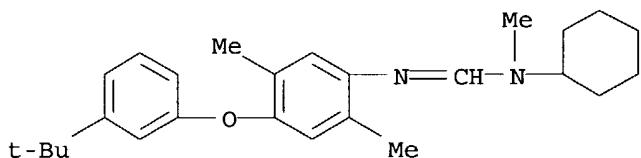
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N-cyano-N'-(2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl)- (9CI)  
 MF C17 H14 F3 N3 O



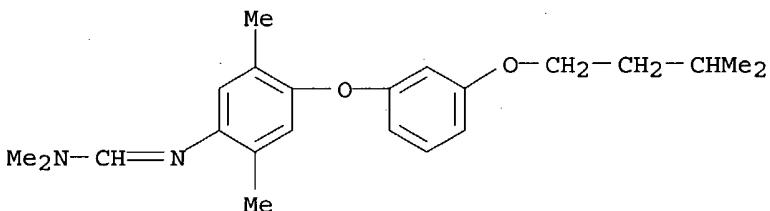
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N-cyclohexyl-N'-[4-[3-(1,1-dimethylethyl)phenoxy]-2,5-dimethylphenyl]-N-methyl- (9CI)  
 MF C26 H36 N2 O



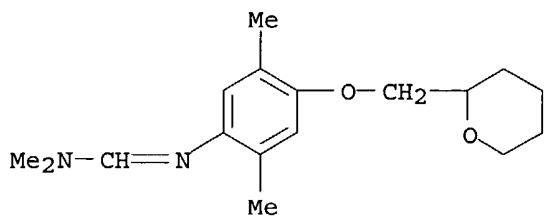
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[3-(3-methylbutoxy)phenoxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C22 H30 N2 O2



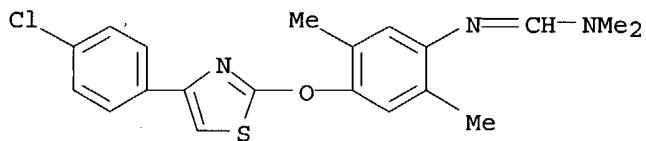
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[(tetrahydro-2H-pyran-2-yl)methoxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C17 H26 N2 O2



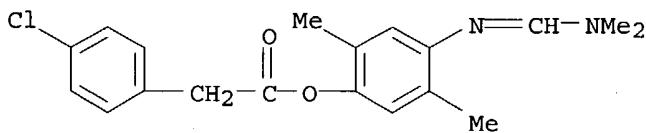
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N' - [4 - [[4 - (4 - chlorophenyl) - 2 - thiazolyl] oxy] - 2,5 - dimethylphenyl] - N, N - dimethyl - (9CI)  
 MF C20 H20 Cl N3 O S



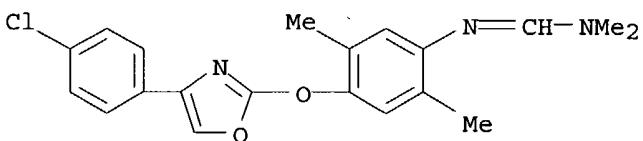
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Benzeneacetic acid, 4-chloro-, 4-[(dimethylamino)methylene]amino] - 2,5 - dimethylphenyl ester (9CI)  
 MF C19 H21 Cl N2 O2



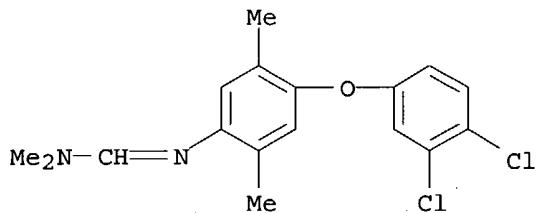
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N' - [4 - [[4 - (4 - chlorophenyl) - 2 - oxazolyl] oxy] - 2,5 - dimethylphenyl] - N, N - dimethyl - (9CI)  
 MF C20 H20 Cl N3 O2



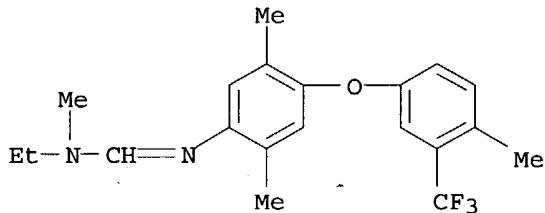
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[4-(3,4-dichlorophenoxy)-2,5-dimethylphenyl]-N,N-dimethyl- (9CI)  
 MF C17 H18 Cl2 N2 O



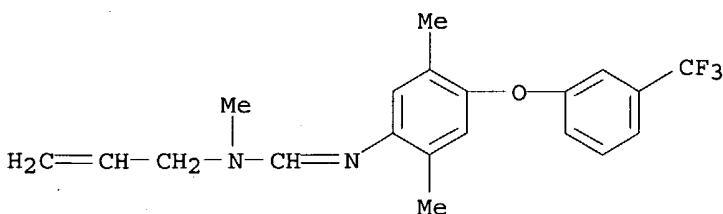
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[4-methyl-3-(trifluoromethyl)phenoxy]phenyl]-N-ethyl-N-methyl- (9CI)  
 MF C20 H23 F3 N2 O



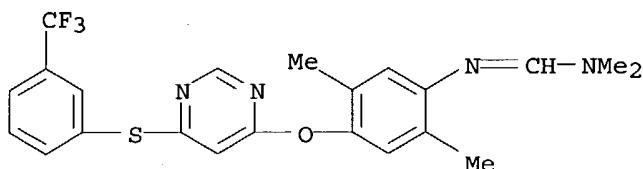
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[3-(trifluoromethyl)phenoxy]phenyl]-N-methyl-N-2-propenyl- (9CI)  
 MF C20 H21 F3 N2 O



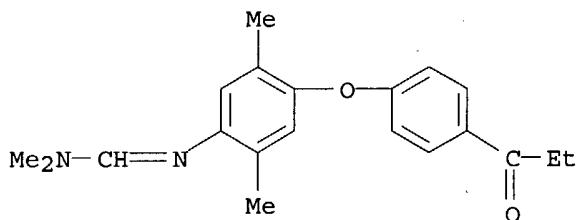
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[[6-[[3-(trifluoromethyl)phenyl]thio]-4-pyrimidinyl]oxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C22 H21 F3 N4 O S



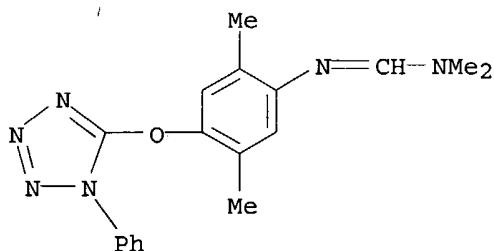
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[4-(1-oxopropyl)phenoxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C20 H24 N2 O2



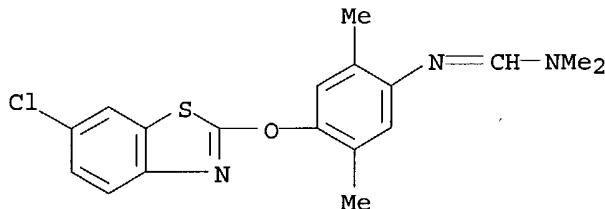
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-[2,5-dimethyl-4-[(1-phenyl-1H-tetrazol-5-yl)oxy]phenyl]-N,N-dimethyl- (9CI)  
 MF C18 H20 N6 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L77 402 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Methanimidamide, N'-(4-[(6-chloro-2-benzothiazolyl)oxy]-2,5-dimethylphenyl)-N,N-dimethyl- (9CI)  
MF C18 H18 Cl N3 O S



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) :end

=> => fil reg  
FILE 'REGISTRY' ENTERED AT 12:25:15 ON 18 AUG 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2  
DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

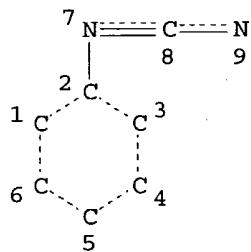
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>.

=> d sta que 193

L86 SCR 2039 OR 2127 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 O  
R 2051 OR 2043 OR 2054 OR 1918

L87 SCR 1839 AND 1993  
L88 STR



Structure  
search for  
claim 74

## NODE ATTRIBUTES:

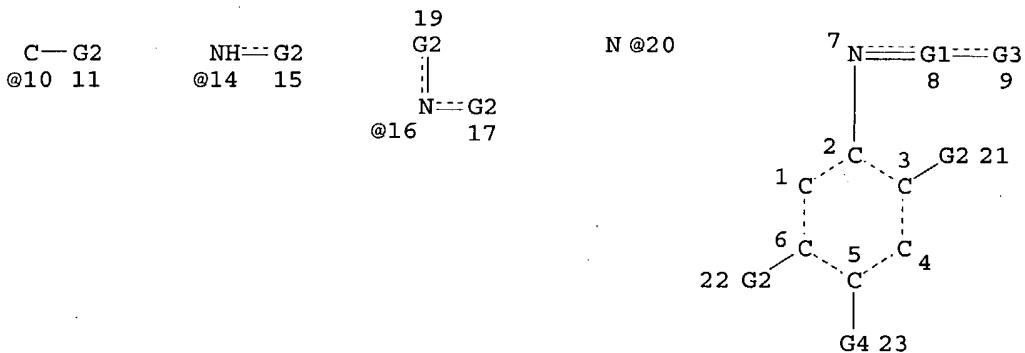
NSPEC IS RC AT 9  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 9

## STEREO ATTRIBUTES: NONE

L90 342438 SEA FILE=REGISTRY SSS FUL L88 AND L87 NOT L86  
 L91 STR



O~^CY S~^CY N~^CY CH~^CY O~~~CH~~~CY  
 @25 26 @28 27 @30 29 @32 31 @34 33 35

VAR G1=CH/10  
 VAR G2=AK/CY  
 VAR G3=NH2/14/16/20  
 VAR G4=CY/25/28/30/32/34

## NODE ATTRIBUTES:

NSPEC IS R AT 20  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 31

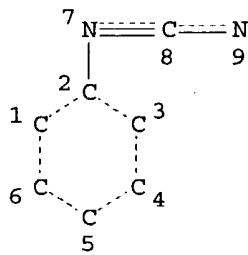
## STEREO ATTRIBUTES: NONE

L93 325 SEA FILE=REGISTRY SUB=L90 SSS FUL L91

100.0% PROCESSED 342438 ITERATIONS  
 SEARCH TIME: 00.00.11

325 ANSWERS

=> d sta que 198  
 L86 SCR 2039 OR 2127 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 O  
 R 2051 OR 2043 OR 2054 OR 1918  
 L87 SCR 1839 AND 1993  
 L88 STR



## NODE ATTRIBUTES:

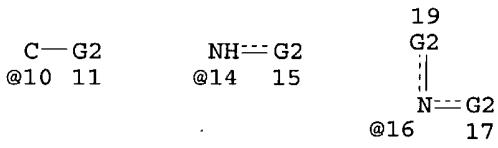
NSPEC IS RC AT 9  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

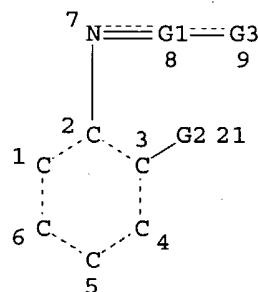
RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 9

## STEREO ATTRIBUTES: NONE

L90 342438 SEA FILE=REGISTRY SSS FUL L88 AND L87 NOT L86  
 L96 STR



N @20



VAR G1=CH/10  
 VAR G2=AK/CY  
 VAR G3=NH2/14/16/20

## NODE ATTRIBUTES:

NSPEC IS R AT 20  
 CONNECT IS M3 R AT 5  
 CONNECT IS M3 R AT 6  
 CONNECT IS E2 RC AT 7  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 18

## STEREO ATTRIBUTES: NONE

L98 19 SEA FILE=REGISTRY SUB=L90 SSS FUL L96

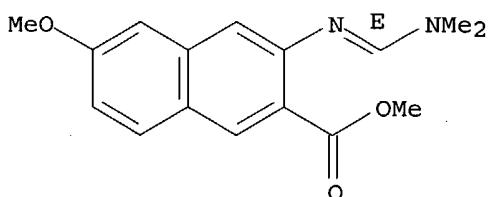
100.0% PROCESSED 342438 ITERATIONS  
 SEARCH TIME: 00.00.11

19 ANSWERS

=> d scan 198

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[(E)-[(dimethylamino)methylene]amino]-6-methoxy-, methyl ester (9CI)  
 MF C16 H18 N2 O3

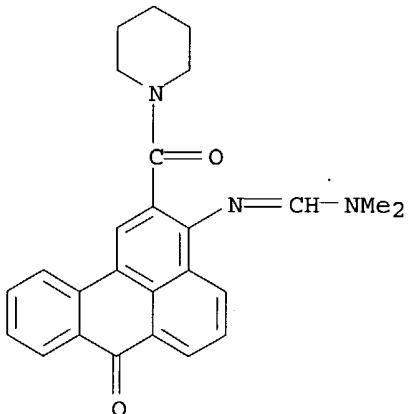
Double bond geometry as shown.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

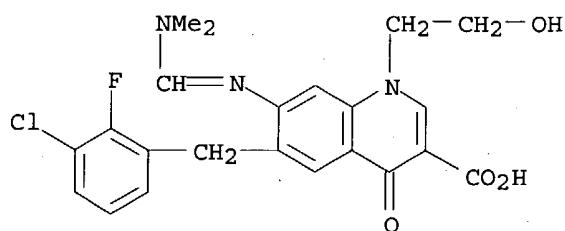
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):18

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Piperidine, 1-[[3-[(dimethylamino)methylene]amino]-7-oxo-7H-benz[de]anthracen-2-yl]carbonyl] - (9CI)  
 MF C26 H25 N3 O2



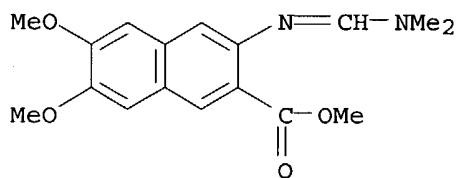
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 3-Quinolinecarboxylic acid, 6-[(3-chloro-2-fluorophenyl)methyl]-7-[(dimethylamino)methylene]amino]-1,4-dihydro-1-(2-hydroxyethyl)-4-oxo- (9CI)  
 MF C22 H21 Cl F N3 O4



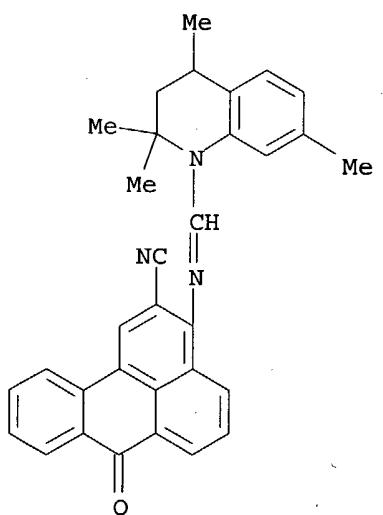
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[(dimethylamino)methylene]amino-6,7-dimethoxy-, methyl ester (9CI)  
 MF C17 H20 N2 O4



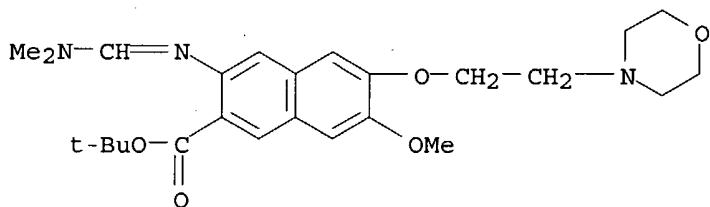
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Quinoline, 1-[(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)imino]methyl-1,2,3,4-tetrahydro-2,2,4,7-tetramethyl- (9CI)  
 MF C32 H27 N3 O



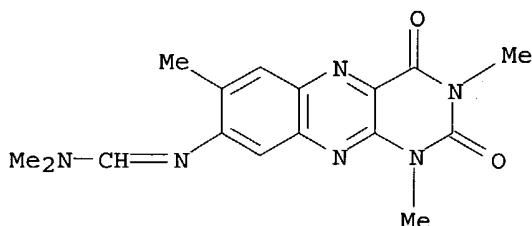
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[(dimethylamino)methylene]amino-7-methoxy-6-[2-(4-morpholinyl)ethoxy]-, 1,1-dimethylethyl ester (9CI)

MF C25 H35 N3 O5



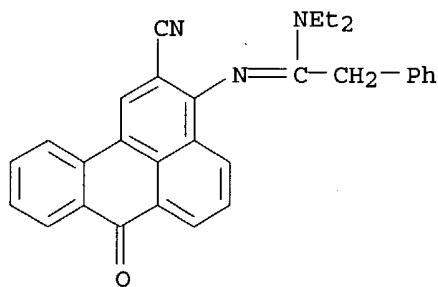
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Methanimidamide, N,N-dimethyl-N'-(1,2,3,4-tetrahydro-1,3,7-trimethyl-2,4-dioxobenzo[g]pteridin-8-yl)- (9CI)  
MF C16 H18 N6 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

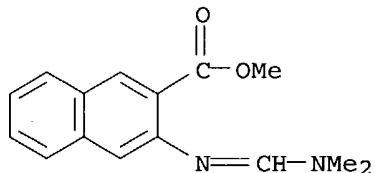
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Benzeneethanimidamide, N'-(2-cyano-7-oxo-7H-benz [de]anthracen-3-yl)-N,N-diethyl- (9CI)  
MF C30 H25 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

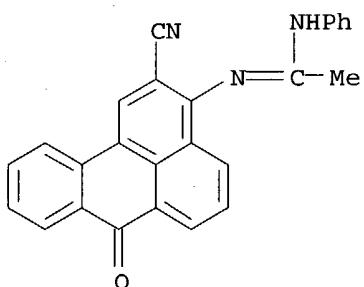
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 2-Naphthalenecarboxylic acid, 3-[[[dimethylamino)methylene]amino]-, methyl

ester (9CI)  
 MF C15 H16 N2 O2



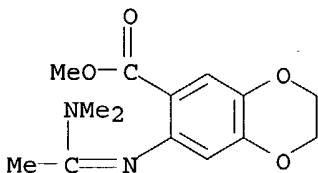
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Ethanimidamide, N-(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)-N'-phenyl-  
 (9CI)  
 MF C26 H17 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

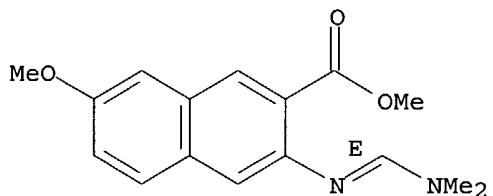
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 1,4-Benzodioxin-6-carboxylic acid, 7-[[1-(dimethylamino)ethylidene]amino]-  
 2,3-dihydro-, methyl ester (9CI)  
 MF C14 H18 N2 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

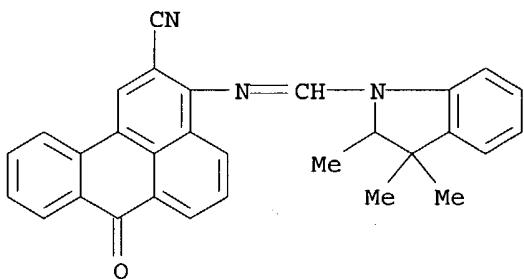
L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalene carboxylic acid, 3-[(E)-[(dimethylamino)methylene]amino]-7-  
 methoxy-, methyl ester (9CI)  
 MF C16 H18 N2 O3

Double bond geometry as shown.



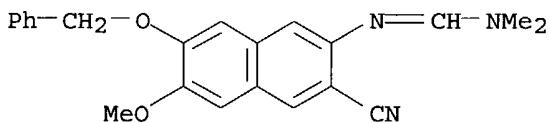
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 1H-Indole, 1-[(2-cyano-7-oxo-7H-benz [de]anthracen-3-yl)imino]methyl]-2,3-dihydro-2,3,3-trimethyl- (9CI)  
 MF C30 H23 N3 O



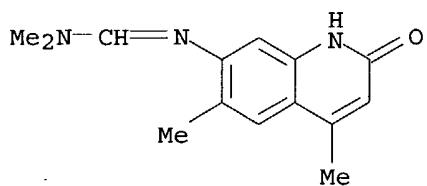
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(3-cyano-6-methoxy-7-(phenylmethoxy)-2-naphthalenyl)-N,N-dimethyl- (9CI)  
 MF C22 H21 N3 O2



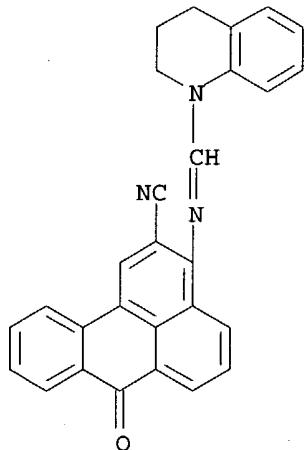
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(1,2-dihydro-4,6-dimethyl-2-oxo-7-quinolinyl)-N,N-dimethyl- (9CI)  
 MF C14 H17 N3 O



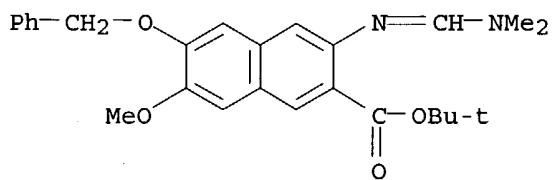
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Quinoline, 1-[(2-cyano-7-oxo-7H-benz [de]anthracen-3-yl)imino]methyl-  
 1,2,3,4-tetrahydro- (9CI)  
 MF C28 H19 N3 O



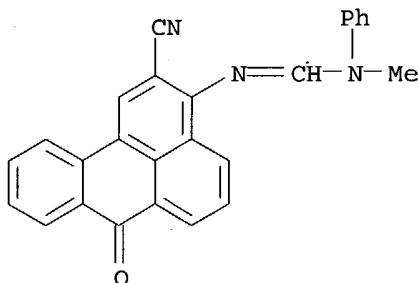
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN 2-Naphthalenecarboxylic acid, 3-[(dimethylamino)methylene]amino-7-  
 methoxy-6-(phenylmethoxy)-, 1,1-dimethylethyl ester (9CI)  
 MF C26 H30 N2 O4



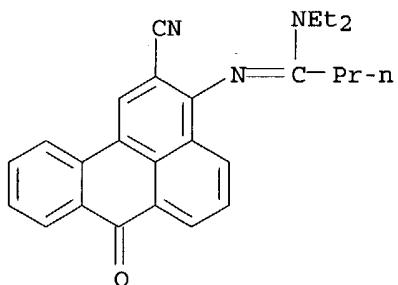
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Methanimidamide, N'-(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)-N-methyl-N-phenyl- (9CI)  
 MF C26 H17 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L98 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Butanimidamide, N'-(2-cyano-7-oxo-7H-benz[de]anthracen-3-yl)-N,N-diethyl- (9CI)  
 MF C26 H25 N3 O



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 11:11:56 ON 18 AUG 2004)  
 SET COST OFF

FILE 'HCAPLUS' ENTERED AT 11:12:16 ON 18 AUG 2004  
 L1 1 S (GB99-2592 OR WO2000-GB345)/AP,PRN  
 E CHARLES M/AU  
 L2 59 S E3,E9  
 L3 1 S E31  
 E FRANKE WW/AU  
 E FRANKE W/AU  
 L4 267 S E3-E11,E25,E26  
 E GREEN D/AU  
 L5 356 S E3,E8-E10

E GREEN DAVE/AU  
 L6 121 S E4  
 L7 147 S E16,E17,E19  
     E HOUGH T/AU  
 L8 23 S E3,E5,E12,E14,E15  
     E MITCHELL D/AU  
 L9 170 S E3,E20,E21  
     E MITCHELL DALE/AU  
 L10 9 S E3-E5  
     E SIMPSON D/AU  
 L11 130 S E3,E14  
     E SIMPSON DON/AU  
 L12 13 S E4,E8,E9  
     E AATHERALL J/AU  
 L13 3 S E4,E5  
 L14 1 S L1 AND L2-L13  
     SEL RN

FILE 'REGISTRY' ENTERED AT 11:15:44 ON 18 AUG 2004

L15 448 S E1-E448  
 L16   STR  
 L17 50 S L16  
 L18 13436 S L16 FUL  
     SAV TEMP L18 QAZI890/A  
 L19 390 S L15 AND L18  
 L20 58 S L15 NOT L19  
 L21 29 S L20 AND NR>=2 AND N>=2  
 L22 7 S L21 AND (C13H17N3O OR C13H15N3O3 OR C15H15FN2O OR C15H10CLN3O  
 L23 22 S L21 NOT L22  
 L24 29 S L20 NOT L21  
 L25 412 S L19,L23  
     SAV L25 QAZI890A/A  
 L26   STR L16  
 L27 50 S L26 SAM  
 L28   STR L26  
 L29 2 S L28  
 L30   STR L28  
 L31 0 S L30  
 L32   STR L30  
 L33 0 S L32  
 L34 68 S L25 AND CL/ELS  
 L35 5 S L34 AND NCSC2/ES  
 L36 3 S L35 AND C20H20CLN3OS  
     SEL RN 2  
 L37 1 S E449  
 L38 2 S L35 NOT L36  
 L39 11 S L34 AND F/ELS  
 L40 10 S L39 AND 3/F  
 L41 1 S L40 AND C19H20CLF3N2O  
 L42 1 S L40 AND C18H18CLF3N2O  
 L43 98 S L25 AND F/ELS NOT L34  
 L44 4 S L43 AND 4/F  
 L45 1 S L44 AND C19H20F4N2O  
 L46 246 S L25 NOT L34-L45  
 L47 144 S L46 AND PHENOXY  
 L48 121 S L47 AND METHANIMIDAMIDE  
 L49 20 S L48 AND METHOXY  
 L50 11 S L49 AND 2/NR  
 L51 8 S L46 AND METHOXY AND 2/NR NOT L50  
 L52 159 S L46 AND 2/NR  
 L53 146 S L52 AND 2 5 DIMETHYL  
 L54 27 S L53 AND DIMETHYLETHYL  
 L55 3 S L54 AND C21H28N2O

SEL RN 3  
 L56 1 S E450  
 L57 2 S L54 AND C22H30N2O  
 SEL RN 2  
 L58 1 S E451  
 L59 22 S L54 NOT L55-L58  
 L60 1 S L59 AND C23H30N2O  
 L61 79 S L46 AND 3/NR  
 L62 73 S L61 AND 2 5 DIMETHYL  
 L63 2 S L62 AND N ETHYL  
 L64 1 S L63 AND C24H26N2O2  
 L65 40 S L53 AND METHYLETHYL  
 L66 2 S L65 AND METHOXY  
 L67 1 S L66 AND C21H28N2O2  
 L68 9 S L56,L58,L60,L37,L64,L42,L41,L67,L45  
 L69 403 S L25 NOT L68

FILE 'HCAOLD' ENTERED AT 11:55:24 ON 18 AUG 2004

L70 0 S L68  
 L71 0 S L69

FILE 'HCAPLUS' ENTERED AT 11:55:31 ON 18 AUG 2004

L72 3 S L68  
 L73 2 S L69  
 L74 1 S L1-L14 AND L72,L73  
 L75 2 S L72-L73 AND (HOECH? OR SCHERIN? OR AGREVO? OR AVENTI?) /PA,CS  
 L76 4 S L72-L75

FILE 'REGISTRY' ENTERED AT 11:57:40 ON 18 AUG 2004

L77 402 S L69 AND NR>=2

FILE 'HCAPLUS' ENTERED AT 11:57:48 ON 18 AUG 2004

L78 1 S L77

FILE 'REGISTRY' ENTERED AT 11:58:15 ON 18 AUG 2004

L79 1 S L69 NOT L77

FILE 'HCAPLUS' ENTERED AT 11:58:26 ON 18 AUG 2004

L80 3 S L68  
 L81 3 S L80,L78 AND L76  
 L82 2 S L81 NOT L1

FILE 'REGISTRY' ENTERED AT 11:59:11 ON 18 AUG 2004

FILE 'HCAPLUS' ENTERED AT 11:59:34 ON 18 AUG 2004  
 L83 1 S L81 NOT L82

FILE 'USPATFULL, USPAT2' ENTERED AT 12:00:11 ON 18 AUG 2004

L84 0 S L68  
 L85 0 S L77

FILE 'REGISTRY' ENTERED AT 12:06:26 ON 18 AUG 2004

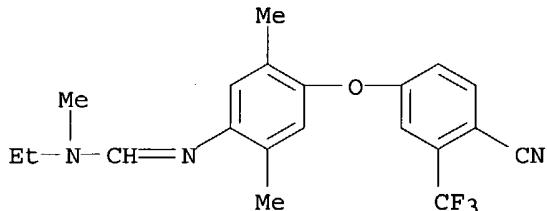
L86 SCR 2039 OR 2127 OR 2050 OR 2049 OR 2048 OR 2053 OR 2052 OR 205  
 L87 SCR 1839 AND 1993  
 L88 STR L26  
 L89 50 S L88 AND L87 NOT L86 SAM  
 L90 342438 S L88 AND L87 NOT L86 FUL  
 L91 STR L30  
 L92 0 S L91 SAM SUB=L90  
 L93 325 S L91 FUL SUB=L90  
 SAV L93 QAZI890B/A  
 L94 1 S L93 NOT L68,L77  
 L95 390 S L77 AND L90

L96 STR L91  
 L97 0 S L96 SAM SUB=L90  
 L98 19 S L96 FUL SUB=L90  
 SAV L98 QAZI890C/A

FILE 'REGISTRY' ENTERED AT 12:25:15 ON 18 AUG 2004

=> d ide can 194

L94 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 681256-70-2 REGISTRY  
 CN Methanimidamide, N'-(4-[4-cyano-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl)-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)  
 FS 3D CONCORD  
 MF C20 H20 F3 N3 O  
 SR CA  
 LC STN Files: CA, CAPLUS  
 DT.CA CAplus document type: Patent  
 RL.P Roles from patents: BIOL (Biological study); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:350532

=> fil hcplus  
 FILE 'HCAPLUS' ENTERED AT 12:25:45 ON 18 AUG 2004  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
 FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 194  
 L99 1 L94

=> d all hitstr

L99 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2004:347984 HCAPLUS  
 DN 140:350532  
 ED Entered STN: 29 Apr 2004  
 TI Antifungal medicaments comprising arylamidine derivatives  
 IN Vors, Jean-Pierre; O'Neill, Elizabeth; Labourdette, Gilbert; Mansfield,  
 Gilian; Pillmoor, John; Barchietto, Thierry  
 PA Bayer Cropscience SA, Fr.  
 SO Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA French  
 IC ICM A61K031-155  
 CC 1-5 (Pharmacology)  
 FAN.CNT 1

|    | PATENT NO.   | KIND | DATE     | APPLICATION NO. | DATE     |
|----|--|------|----------|-----------------|----------|
| PI | EP 1413301   | A1   | 20040428 | EP 2002-356210  | 20021024 |
|    | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK   |      |          |                 |          |
|    | WO 2004037239  | A1   | 20040506 | WO 2003-EP13335 | 20031024 |
|    | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,<br>CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,<br>GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,<br>LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,<br>OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,<br>TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ,<br>BY, KG, KZ, MD<br>RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,<br>CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,<br>NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,<br>GW, ML, MR, NE, SN, TD, TG |      |          |                 |          |
|    | PRAI EP 2002-356210  | A    | 20021024 |                 |          |

CLASS

|    | PATENT NO.   | CLASS | PATENT FAMILY CLASSIFICATION CODES |
|----|--|-------|------------------------------------|
|    | EP 1413301   | ICM   | A61K031-155                        |
| OS | MARPAT 140:350532  |       |                                    |
| AB | N2-phenylamidine derivs. are used as antifungal agents. The EC50 of N-ethyl-N-methyl-N-[4-(4-chloro-3-trifluoromethylphenoxy)-2,5-dimethyl phenyl]-imidoformamide against <i>Aspergillus fumigatus</i> and <i>Candida albicans</i> was 0.1, and 0.5 µg/mL, resp. |       |                                    |
| ST | antifungal medicament arylamidine deriv <i>Aspergillus</i> <i>Candida</i>  |       |                                    |
| IT | Amines, biological studies<br>RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)<br>(allyl, derivs.; antifungal medicaments comprising arylamidine derivs.)   |       |                                    |
| IT | Nucleosides, biological studies<br>RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)<br>(analogs; antifungal medicaments comprising arylamidine derivs.)   |       |                                    |
| IT | <i>Aspergillus fumigatus</i><br><i>Candida albicans</i><br>(antifungal medicaments comprising arylamidine derivs.)   |       |                                    |
| IT | Polyenes<br>RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  |       |                                    |

(antifungal medicaments comprising arylamidine derivs.)

IT Peptides, biological studies  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (cationic; antifungal medicaments comprising arylamidine derivs.)

IT Drug delivery systems  
 (liposomes; antifungal medicaments comprising arylamidine derivs.)

IT Heterocyclic compounds  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (nitrogen, five-membered; antifungal medicaments comprising arylamidine derivs.)

IT 100-46-9D, Benzylamine, derivs. 1397-89-3, Amphotericin B 1400-61-9,  
 Nystatin 2022-85-7, Flucytosine 2398-96-1, Tolnaftate 11076-17-8D,  
 Sordarin, derivs. 19045-66-0D, Thiocarbamic acid, derivs. 22916-47-8,  
 Miconazole 22976-87-0, Polyoxyne 23593-75-1, Clotrimazole  
 27220-47-9, Econazole 59456-70-1, Nikkomycin z 60628-96-8, Bifonazole  
 61318-90-9, Sulconazole 64211-45-6, Oxiconazole 64872-76-0,  
 Butoconazole 65277-42-1, Ketoconazole 65472-88-0, Naftifine  
 65899-73-2, Tioconazole 67915-31-5, Terconazole 72479-26-6,  
 Fenticonazole 77368-59-3, Nikkomycin J 77368-61-7, Nikkomycine  
 79404-91-4, Cilofungin 84625-61-6, Itraconazole 84697-21-2,  
 Zinoconazole 86386-73-4, Fluconazole 91161-71-6, Terbinafine  
 101828-21-1, Butenafine 117704-65-1, Pradimicin A 120796-21-6,  
 Nikkomycin Pseudo Z 120796-22-7, Nikkomycin Pseudo J 127785-66-4,  
 Aureobasidine 128326-82-9, Eberconazole 137234-62-9, Voriconazole  
 151581-81-6, Pradimicin 162808-62-0, Caspofungin 171228-49-2,  
 Posaconazole 287941-52-0 287941-79-1 **681256-70-2**  
 682350-49-8, Nikkomycin Px 682350-50-1, Nikkomycin Rz 682351-48-0,  
 Benanomycin  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (antifungal medicaments comprising arylamidine derivs.)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

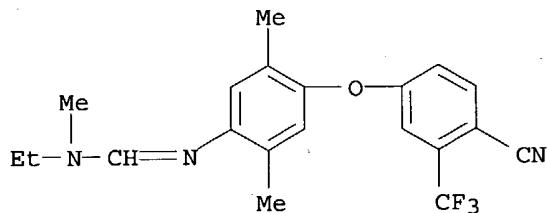
RE

(1) Aventis Cropscience Sa; EP 1178038 A 2002 HCPLUS  
 (2) Hough; WO 0046184 A 2000 HCPLUS

IT **681256-70-2**  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
 (Biological study); USES (Uses)  
 (antifungal medicaments comprising arylamidine derivs.)

RN 681256-70-2 HCPLUS

CN Methanimidamide, N'-[4-[4-cyano-3-(trifluoromethyl)phenoxy]-2,5-dimethylphenyl]-N-ethyl-N-methyl- (9CI) (CA INDEX NAME)



=>